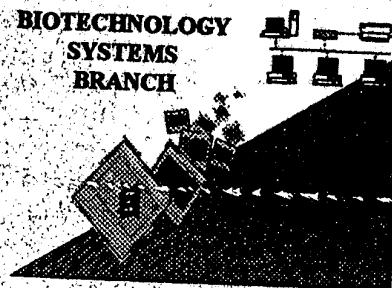


*Gucker*

# **RAW SEQUENCE LISTING** **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/734,592

Art Unit / Team No. : 1645

Date Processed by STIC: 1/25/99

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**ARTI SHAH 703-308-4212**

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/734,592DATE: 01/25/1999  
TIME: 17:10:33

Input Set: H734592.RAW

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

*new format*  
Does Not Comply  
Corrected Diskette Needed

1 <110> GOODEARL, ANDREW  
2 STROOBANT, PAUL  
3 MINGHETTI, LUISA  
4 WATERFIELD, MICHAEL  
5 MARCHIONNI, MARK  
6 CHEN, MARIO S.  
7 HILES, IAN  
8 <120> GLIAL MITOGENIC FACTORS, THEIR  
9 PREPARATION AND USE  
10 <130> 04585/00200R  
11 <140> US/08/734,592  
12 <141> 1996-10-22  
13 <150> 08/472,008  
14 <151> 1995-06-06  
15 <150> 08/036,555  
16 <151> 1993-03-24  
17 <150> 07/965,173  
18 <151> 1992-10-23  
19 <150> 07/940,389  
20 <151> 1992-09-03  
21 <150> 07/907,138  
22 <151> 1992-06-30  
23 <150> 07/863,703  
24 <151> 1992-04-03  
25 <160> 192  
26 <170> FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES FOLLOW

E--> 27 <210> 136  
28 <211> 559 *561 shown (next page)*  
29 <212> DNA  
30 <213> Bos taurus  
31 <220>  
32 <221> CDS  
33 <222> (460)...(561)  
34 <223> N in position 214 is unknown.  
35 <220>  
36 <221> variation  
37 <222> (560)...(560)  
38 <223> N in position 560 varies.  
39 <220>

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/734,592

DATE: 01/25/1999  
TIME: 17:10:33

Input Set: H734592.RAW

40 <221> variation  
41 <222> (561)...(561)  
42 <223> N in position 561 varies.  
43 <220>  
44 <221> variation  
45 <222> (34)...(34)  
46 <223> Xaa in position 34 is Ala.  
47 <400> 136  
48 agtttccccc cccaacttgt cggaactctg ggctcgcgcg cagggcagga gcggagcggc 60  
49 ggcggctgcc caggcgatgc gaggcgggc cggacggtaa tcgcctctcc ctccctcgggc 120  
50 tgcgagcgcg ccggaccgag gcagcgacag gaggcgaccg cggcgggaac cgaggactcc 180  
W--> 51 ccagcggcgc gccagcagga gccacccgcg gagncgtgcg accgggacgg agcgcccgcc 240  
52 agtcccaggt ggcccggacc gcacgttgcg tccccgcgct cccgcgcggc gacaggagac 300  
53 gctccccccc acgcccgcgcg cgctcggcc cggtcgctgg cccgcctcca ctccggggac 360  
54 aaacttttcc cgaagccgat ccagccctc ggacccaaac ttgtcgcgcg tcgccttcgc 420  
55 cgggagccgt ccgcgcagag cgtgcacttc tcgggcgag atg tcg gag cgc aga 474  
56 Met Ser Glu Arg Arg  
57 1 5  
58 gaa ggc aaa ggc aag ggg aag ggc ggc aag aag gac cga ggc tcc ggg 522  
59 Glu Gly Lys Gly Lys Gly Lys Gly Lys Lys Asp Arg Gly Ser Gly  
60 10 15 20  
W--> 61 aag aag ccc gtg ccc gcg gct ggc ggc ccg agc cca gnn 561  
62 Lys Lys Pro Val Pro Ala Ala Gly Gly Pro Ser Pro Xaa  
63 25 30

E--> 64 <210> 138  
65 <211> 178 179 show  
66 <212> DNA  
67 <213> Bos taurus  
68 <220>  
69 <221> CDS  
70 <222> (3)...(179)  
71 <221> variation  
72 <222> (179)...(179)  
73 <223> N in position 179 varies.  
74 <220>  
75 <221> variation  
76 <222> (59)...(59)  
77 <223> Xaa in position 59 is Gly.  
78 <400> 138  
79 cc ttg cct ccc cgc ttg aaa gag atg aag agt cag gag tct gtg gca 47  
80 Leu Pro Pro Arg Leu Lys Glu Met Lys Ser Gln Glu Ser Val Ala  
81 1 5 10 15  
82 ggt tcc aaa cta gtg ctt cgg tgc gag acc agt tct gaa tac tcc tct 95  
83 Gly Ser Lys Leu Val Leu Arg Cys Glu Thr Ser Ser Glu Tyr Ser Ser  
84 20 25 30  
85 ctc aag ttc aag tgg ttc aag aat ggg agt gaa tta agc cga aag aac 143  
86 Leu Lys Phe Lys Trp Phe Lys Asn Gly Ser Glu Leu Ser Arg Lys Asn  
87 35 40 45  
W--> 88 aaa cca caa aac atc aag ata cag aaa agg ccg ggn 179

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/734,592

DATE: 01/25/1999  
TIME: 17:10:33

Input Set: H734592.RAW

89	Lys Pro Gln Asn Ile Lys Ile Gln Lys Arg Pro Xaa	
90	50 55	

---

E--> 91 <210> 139

92 <211> ~~122~~ 124 show

93 <212> DNA

94 <213> Bos taurus

95 <220>

96 <221> CDS

97 <222> (2)...(124)

98 <221> variation

99 <222> (123)...(124)

100 <223> N in positions 123 and 124 varies.

101 <220>

102 <221> variation

103 <222> (41)...(41)

104 <223> Xaa in position 41 is Ala.

105 <400> 139

106 g aag tca gaa ctt cgc att agc aaa gcg tca ctg gct gat tct gga gaa 49

107 Lys Ser Glu Leu Arg Ile Ser Lys Ala Ser Leu Ala Asp Ser Gly Glu

108 1 5 10 15

109 tat atg tgc aaa gtg atc agc aaa cta gga aat gac agt gcc tct gcc 97

110 Tyr Met Cys Lys Val Ile Ser Lys Leu Gly Asn Asp Ser Ala Ser Ala

111 20 25 30

W--> 112 aac atc acc att gtg gag tca aac grn 124 ←

113 Asn Ile Thr Ile Val Glu Ser Asn Xaa

114 35 40

---

E--> 115 <210> 161

116 <211> ~~141~~ 142 show

117 <212> DNA

118 <213> Bos taurus

119 <220>

120 <221> CDS

121 <222> (2)...(142)

122 <221> variation

123 <222> (142)...(142)

124 <223> N in position 142 varies.

125 <220>

126 <221> variation

127 <222> (47)...(47)

128 <223> Xaa in position 47 is Arg.

129 <400> 161

130 a cat aac ctt ata gct gag cta agg aga aac aag gcc cac aga tcc aaa 49

131 His Asn Leu Ile Ala Glu Leu Arg Arg Asn Lys Ala His Arg Ser Lys

132 1 5 10 15

133 tgc atg cag atc cag ctt tcc gca act cat ctt aga gct tct tcc att 97

134 Cys Met Gln Ile Gln Leu Ser Ala Thr His Leu Arg Ala Ser Ser Ile

135 20 25 30

W--> 136 ccc cat tgg gct tca ttc tct aag acc cct tgg cct tta gga agn 142 ←

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/734,592DATE: 01/25/1999  
TIME: 17:10:33

Input Set: H734592.RAW

137	Pro His Trp Ala Ser Phe Ser Lys Thr Pro Trp Pro Leu Gly Xaa
138	35 40 45

VERIFICATION SUMMARY  
PATENT APPLICATION US/08/734,592DATE: 01/25/1999  
TIME: 17:10:33

Input Set: H734592.RAW

Line	Error/Warning	Original Text
28	E Input 559, Calc# Bases 561 differ	<211> 559
51	W "N" or "Xaa" used: Feature required	ccagcggcgc gccagcagga gccacccgc gagncgtg
61	W "N" or "Xaa" used: Feature required	aag aag ccc gtg ccc gcg gct ggc ggc ccg a
65	E Input 178, Calc# Bases 179 differ	<211> 178
88	W "N" or "Xaa" used: Feature required	aaa cca caa aac atc aag ata cag aaa agg c
92	E Input 122, Calc# Bases 124 differ	<211> 122
112	W "N" or "Xaa" used: Feature required	aac atc acc att gtg gag tca aac gnn
116	E Input 141, Calc# Bases 142 differ	<211> 141
136	W "N" or "Xaa" used: Feature required	ccc cat tgg gct tca ttc tct aag acc cct t